

Title (en)

CONTINUOUS GLUCOSE SENSOR AND MOUNTING ASSEMBLY

Title (de)

KONTINUIERLICHER GLUCOSESENSOR UND MONTAGEANORDNUNG

Title (fr)

CAPTEUR DE GLUCOSE EN CONTINU ET ENSEMBLE DE MONTAGE

Publication

EP 4203788 A1 20230705 (EN)

Application

EP 21794016 A 20210826

Priority

- US 202063070735 P 20200826
- US 202063072050 P 20200828
- IL 2021051052 W 20210826

Abstract (en)

[origin: WO2022044017A1] Embodiments of the present disclosure, inter alia, are directed to a one piece continuous glucose monitoring (CGM) device (device or sensor) and a fully disposable, one piece, mounting unit for mounting the CGM device, is provided. The device and the mounting unit, in some embodiments, are pre-assembled in the factory to a one piece, disposable, mounting assembly. The mounting assembly, can be comprised of sealed compartment that includes a portion of the sensor and a non-sealed compartment that includes another portion of the sensor. The mounting assembly can be fully automatic, at a button press the sensor is adhered to the skin, and the sensor probe is inserted into the subcutaneous tissue.

IPC 8 full level

A61B 5/1486 (2006.01)

CPC (source: EP US)

A61B 5/14532 (2013.01 - EP US); **A61B 5/14865** (2013.01 - EP US); **A61B 5/1495** (2013.01 - US); **A61B 5/6849** (2013.01 - EP US); **G01N 27/4163** (2013.01 - US); **A61B 2560/0285** (2013.01 - EP US); **A61B 2560/063** (2013.01 - EP US); **A61B 2562/12** (2013.01 - EP); **A61B 2562/125** (2013.01 - US); **A61B 2562/166** (2013.01 - US); **A61B 2562/242** (2013.01 - EP)

Citation (search report)

See references of WO 2022044017A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022044017 A1 20220303; CN 115988988 A 20230418; CN 116033870 A 20230428; EP 4203787 A2 20230705; EP 4203788 A1 20230705; JP 2023538960 A 20230912; JP 2023539653 A 20230915; US 2023301556 A1 20230928; US 2023301557 A1 20230928; WO 2022044018 A2 20220303; WO 2022044018 A3 20220407

DOCDB simple family (application)

IL 2021051052 W 20210826; CN 202180051634 A 20210826; CN 202180056445 A 20210826; EP 21794016 A 20210826; EP 21794408 A 20210826; IL 2021051053 W 20210826; JP 2023513915 A 20210826; JP 2023513924 A 20210826; US 202118023322 A 20210826; US 202118023324 A 20210826